



Prof. Dr. Mufeed Issa Batarseh

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Education

PhD: 2000-2003, Environmental Analytical Chemistry (Chromatography), Braunschweig University of Technology, Institute of Environmental and Sustainable Chemistry, Germany
M.Sc.: 1997-1999, Environmental Sciences and Management (Water Chemistry), University of Jordan, Jordan

B.Sc.: 1986-1990, Chemistry, Kuwait University, Kuwait

B.Sc. (cont.): Chemistry, Yarmouk University, Jordan

Short Bio

Mufeed Batarseh is a professor of environmental analytical chemistry and the head of the Academic Support Department at Abu Dhabi Polytechnic, Institute of Applied Technology, Abu Dhabi. He holds a master's degree in environmental sciences and Management from University of Jordan and a bachelor's degree in chemistry and computer science as a minor from Yarmouk University in Jordan. After obtaining his PhD from the Braunschweig University of Technology in Germany, he worked as an assistant research professor and head of the laboratories department at Prince Faisal Center for Dead Sea, Environmental and Energy Research (PFC-DSEER) at Mutah University, Jordan, from 2004 until 2010. In 2009, due to his distinguished research contributions, he was promoted to associate research professor of environmental and sustainable chemistry at PFC-DSEER and associate professor at the Department of Chemistry in Mutah University, Jordan. In March 2010, he was appointed as director of PFC-DSEER at Mutah University Campus in Al Karak, Jordan, and then in September 2017, he was promoted to full professor at Mutah University while he was on unpaid leave. He joined Abu Dhabi Polytechnic (AD Poly) in the UAE in 2013 until present.

He contributed to the establishment of the Academic Support Department and development of the educational curriculum for the general requirements (GRs) courses at Abu Dhabi Polytechnic. Dr. Batarseh has conducted several training courses related to application of instrumental analyses in environmental studies and became a certified ISO17025 lab assessor and auditor. In addition, he has been teaching different general, environmental and analytical chemistry courses for undergraduate and graduate students as well as supervision of master and PhD students in interdisciplinary fields.

In relation to research and scholarly activities, his Scopus h-index is 10 with 310 citations (in

Scopus author ID is 8617800100). In Google scholarship, h-index is 13 with 538 citations. Prof Batarseh has published more than 50 articles in peer-reviewed journals and books. He has been working as an international reviewer for several scientific journals, such as: Water, Air and Soil Pollution, CLEAN-Soil Air Water, Environmental Monitoring and Assessment, Fresenius Environmental Bulletin, and the Journal of Agriculture and Food Chemistry. I even worked for more than 4 years as an editor for CLEAN-Soil Air Water Journal.

Publications

1. **M. Batarseh**, F. Al Nasir, A. Jiries, 2018. A review of sustainable management of saline-sodic soil in arid environments, Jordan Valley. Cuvillier Verlag Göttingen, Germany, Proceeding on Water Scarcity: Risks and Solutions, 24-27 April 2018, 170-179.
2. A. Jiries, **M. Batarseh**, 2018. Risk of treated wastewater use in agriculture-Jordan: Review for emerging organic pollutants and heavy metals content. Cuvillier Verlag Göttingen, Germany, Proceeding on Water Scarcity: Risks and Solutions, 24-27 April 2018, 241-250.
3. **d**, 2017. Sustainable Management of Calcareous Saline-Sodic Soil in Arid Environments: The Leaching Process in the Jordan Valley. Applied and Environmental Soil Science, 1-9.
4. Osama Al-Madanat, Anwar Jiries, **Mufeed Batarseh**, Farah Al-Nasir, 2017. Indoor and Outdoor Pollution with Heavy Metals in Al-Karak City, Jordan. J. Int. Environmental Application & Science 12 (2), 131-139.
5. Müfit Bahadır, Mehmet Emin Aydin, Senar Aydin, Fatma Beduk, **Mufeed Batarseh**, 2016. Wastewater Reuse in the Middle East Countries –A Review of Prospects and Challenges. Fresenius Environmental Bulletin 25 (5), 1285-1305.
6. Anf H. Ziadat, Anwar Jiries, Bruce Berdanier and **Mufeed Batarseh**, 2015. Bio-monitoring of Heavy Metals in the Vicinity of Copper Mining Site at Erdenet, Mongolia. Journal of Applied Sciences 15, Number 11, 1297-1304.
7. Elfadil Imane, Tazi Rabea, Ouezzani Ismail, Altarawneh Rakan, **Batarseh Mufeed**, and El Azzouzi Mohammed, 2015. Multiresidue Analysis of Pesticides in Soil Profile from the Loukous Valley using GC-ECD. Research Journal of Pharmaceutical, Biological and Chemical Sciences, ISSN: 0975-8585, July–August 2015 RJPBCS Volume 6(No. 4), Page No. 1463-1472.
8. Ibrahim Al-Tarawneh, Mohammed Desoky, Mahmoud Alawi, **Mufeed Batarseh**, Arun Widyasari, Robert Kreuzig and Muefit Bahadır, 2014. Studies on Human Pharmaceuticals in Jordanian Wastewater Samples. Clean, Soil, Air, Water 42 (9999), 1–8.
9. M. K. Magharbeh, M.K. Fayyad, **M.E. Batarseh**, 2014. Inter-Laboratory Comparison Measurements of Constituents of Oil Shale Standard Reference Sample. Chemistry and Materials Research Vol.6 No.4, 33-43.
10. Abbas Al-Omari, Ayse Muhammetoglu, Ethem Karadirek, Anwar Jiries, **Mufeed Batarseh**, Bulent Topkaya, Selcuk Soyupak, 2014. A Review on Formation and

Decay Kinetics of Trihalomethanes in Water of Different Qualities. *Clean – Soil, Air, Water* 2014, 42 (9999), 1–14.

11. **Mufeed Batarseh**, 2014. EMERGING POLLUTANTS AND POPs IN THE MIDDLE EAST REGION: REVIEW FOCUS ON POPs. Closing Symposium on Five Years of Exceed, TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG, SEPTEMBER 22 - 23, 2014.
12. Mahmoud Alawi, Mehmet Emin Aydin, Ahmet Baban, Müfit Bahadır, **Mufeed Batarseh**, Eyüp Debik, Rasha El Gohary, Ahmed Hassan, Anwar Jiries, Zeinab Abou El Naga, Abbas Al Omari and Bülent Topkaya. FIVE YEARS OF EXCEED EXCEED AS A TOOL FOR GOOD GOVERNANCE OF WATER RESOURCES IN THE MIDDLE EAST REGION. Closing Symposium on Five Years of Exceed, TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG, SEPTEMBER 22 - 23, 2014
13. **Mufeed Batarseh** and Rakan Tarawneh, 2013. Multiresidue Analysis of Pesticides in Agriculture Soil from Jordan Valley. *Jordan Journal of Chemistry* Vol. 8 No.3, 2013, pp. 152-168.